

JESKE, Jozef; prof. dr.; RANC, Ewa; STOCHLA, Krystyna

Effect of 5-ethyl-5-phenyl-2,6-dihydropyrimidine-4,6-dione
(Mizodin -- Polfa) on the course of the glycemic curve after
the administration of insulin in the rabbit. Acta Pol. pharm.
21 no.3:303-306 '64.

1. Z Zakladu Farmakodynamiki Akademii Medycznej w Warszawie
(Kierownik: Prof. dr. J. Jeske).

RANCAK, Josef; HODANEK, Jaroslav

Extention arm for the HSC 5 and AJ 6 autocranes. Inz stavby 10
no.12:Suppl.:Mechanizace no.12:143-144 '62.

1. Ceskomoravska-Kolben-Danek Slany, Svermovy zavody, n.p., Slany.

BOERIU, I.N., dr.; ILEA, V.dr.; SCHWARTZ, M.dr.; RANCEA, D., dr.

Electrocardiographical changes in emphysematous disease. Correlation with spirometric data. Med. intern. (Bucur.) 16 no.4: 461-468 Ap'64

1. Clinica a III-a medicala I.M.F., Cluj (director: prof. O.Fodor).

★

RANCHEV, Nikola, inzh.

Treatment of steam water in the Maritsa-Iztok I Thermo-
electric Plant. Elektroenergiia 13 no.5/6:48-50 My-Je '62.

RATCHEV, N.

"Increasing the economy and the exchange capability of cationic installations."

p. 21 (Elektroenergiia) Vol. 8, no. 3, Mar. 1957
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

RANCHEV, Nikola, inzh. khim.

Preoperational chemical treatment of the drum and uniflow
high-parameter boilers. Elektroenergiia 14 no.5/6:25-27
My-Je '63.

1. 2. 3. 4.
Bureau, S. List of code of title in the collection of books in the
Bibliographic Dept. of the Library of Congress. Vol. 10, No. 1, Jan. Feb.
1955.

50: Monthly List of the East European Association (SEAL) Vol. 4,
no. 10, Oct. 1955. Incl.

RATCHEV, S.

"Effect of wet piercing as applied by us in fighting mine dust."

p. 67 (Minno Delo, Vol. 12, no. 4, 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no. 3,
September 1958

RANCHEV, S.

Methods of axle or side transmission of water in the mine drilling machine. p. 60
MINMO DELO, Sofiya, Vol. 10, no. 1, Jan./Feb. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

RANCHEY, ST. N.

Axial or Lateral Method of Water Feeding in the Water Drilling Process.
Mimno Delo (Mining), #1:66:Jan 55

RANCHEVA, Rositsa

Rationalization in the "Svetlina" Works, a mighty lever
of technical progress. Ratsionalizatsiia 14 no.8:7-9 '64.

RANCHIN, V.P.

Determining the efficiency of building in stages. Transp.
stroi. 9 no.7:47-50 J1 '59. (MIRA 12:12)

1. Glavnyy inzhener proyekta Gipromtransstroya.
(Railroad engineering--Tables, calculations, etc.)

RANCHIN, Y.P.

Improving the traffic capacity of railroad lines. Transp. stroi.
8 no.9:25-27 S '58. (MIRA 11:10)

1. Glavnyy inzhener proyekta Gipromtransstroya.
(Railroads--Traffic)

RANCHYALIS, V.P.

Change in the hereditary indices of pepper under the action of
extracts from its leaves and fruits. *Agrabiologiya* no. 10:101-107
Ja-1965. (MIR: 1814)

1. Moskovskiy gosudarstvennyy universitet, biologo-pochvennyy
fakul'tet.

TUTUNDZIC, Panta S.; RANCIC, Dusan M.

Limitation of the application of refractometry as a method of physical-chemical analysis of binary systems. Glas Hem dr 25/26 no.1/2:39-47 '61.

1. Tehnoloski fakultet, Zavod za fizicku hemiju i elektrohemiju, Beograd. 2. Urednik, "Glasnik Hemijskog drustva Beograd" (for Tutundzic)

(Refractometer) (Systems(Chemistry))

TUTUDNZIC, Fanta S., prof. dr inz.; RANCIC, Dusan M.

The refraction and density indexes for the binary systems of chloral with benzol, chlorobenzol, ethyl ether, acetic and formic acids, water, and ethyl alcohol. Glas Hem dr 25/26 no.8/10:45-463 '60/'61.

1. Tehnoloski fakultet, Zavod za fizicku hemiju i elektrohemiju, Beograd. 2. Clan Uredivackog odbora i urednik, "Glasnik Hemijskog drustva Beograd" (for Tutundzhic).

RANCIC, Dusan M.

Theory of the simple particle. Pts. 2 and 3. Glas Hem dr
25/26 no.8/10:411-425 '60/'61.

1. Faculty of Technology, Institute of Physical Chemistry and
Electrochemistry, Beograd; Faculty of Technology, Novi Sad.

RANCIC, Dusan M. (Beograd)

The theory of simple particule. 1. A new viewpoint about the nature of light. Glas Hem dr 25/26 no.1/2:21-32 '61.

1. Faculty of Technology, Institut e for Physical Chemistry and Electrochemistry, Beograd.

(Light)

RANCIC, DUSAN M.

Distr: 482d

Improvement of the Sprengel-Babo pump. Dusan M. Rancic (Technol. Fak., Belgrade, Yugoslavia), Glasnik Kem. Drustva, Beograd 21, 121-4 (1956).—The disadvantage of the Sprengel-Babo pump, i.e., that the air inlet into the air-lift must be regulated with high precision in order that Hg be lifted in divided segments of the column, can be avoided by limiting the rate of Hg admission in the lift-tube through a bottom opening made as small as 0.5-0.7 mm. A somewhat longer tube for the air inlet is joined to the lift-tube just above this narrow opening, and the joint is submerged into Hg for 1-10 cm. Hg is elevated in the form of high-speed drops, and the pump quickly attains a pressure of 1×10^{-4} mm. Hg. 3

2. Nikic

RANCIC, Zora, inz. (Beograd)

'Aerosols. Kemija u industriji 11 no.9:555-557 S '62.

RANCU, N.; TOVISSI, L.

Analysis of intercorrelations between the weight of paper and the ash content of materials in water in the various stages of the manufacturing process. Cel hirtie 10 no.5:164-172 My'61

ISPASCU, G.; MANEU, M.; PISAN, M.; ROTHE-PRHALT, I.

Estimation of the average life of incandescent bulbs by the probability network method combined with the method of the least squares. Metrologia-apl 11 no. 5:195-201 My '64.

25(6)

R/009/59/12/006/030
D0019/D3001

AUTHORS: Rancu, N. and Tövissi, L.

TITLE: Statistical Check in Case of a Systematic Displacement of the Grouping Center Towards One of the Limits of the Tolerance Field

PERIODICAL: Metalurgia și Construcția de Mașini, 1959, Nr 12, pp 1053 - 1064

ABSTRACT: There are factors in systematic production which determine a systematic increase or decrease of the characteristic values, i.e. a shifting of the control center neither towards the upper or the lower limit of the tolerance field. This article presents the method of applying a statistical check in such cases. The purpose of this check is to establish how long a machine tool can operate without resetting. The authors explain the calculation problems of the check

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R/009/59/12/006/030

D0019/D3001

Statistical Check in Case of a Systematic Displacement of the
Grouping Center Towards One of the Limits of the Tolerance Field

limits and the establishment of the statistical checking slips. After determining the equation of the displacement line of the grouping center and computing the time a machine tool can operate with the same tool setting, the authors calculate the check limits. Starting with the equation of the displacement line of the control center (Equation Nr 1); the value of the dispersion field (Equation Nr 2); and the characteristic values of the deviation against the control center line (Equation Nr 3), the authors establish the dispersion formula (Nr 6). If the control center moves towards the lower limit of the tolerance field, the lower limit of the dispersion field will, after a certain time, reach the lower limit of the tolerance field. This is the moment when the tools of the machine have to be reset. The time which separates 2 successive resettings can be computed by cutting the lower limit of

Card 2/4

R/009/59/12/006/030

D0019/D3001

Statistical Check in Case of a Systematic Displacement of the
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the dispersion field by the lower limit of the tolerance field. The measurements supplied by the parameters of the samples, taken periodically from the production of a certain machine tool can be used for the supervision and direction of the technological process. Two parameters are used: one supplying information on the accuracy, the other on the tool-setting state of the machine. The authors then describe the supervision of control by the checking diagram which is established in the following order: establishment of the equation of the displacement line of the control center; determination of the width of the dispersion field; establishment of equations of the limits of the dispersion field; calculation of the duration of a control; determination of the parameters which will be used for the characterization

Card 3/4

R/009/59/12/006/030
D0019/D3001

Statistical Check in Case of a Systematic Displacement of the
Grouping Center Towards One of the Limits of the Tolerance Field

of the control (arithmetic average, average value
of the samples, extreme values) and computation of
the checking limits which are traced on the checking
diagram. The authors finally present an example to
explain accurately the set-up of a diagram and the
supervision of the production process by the statis-
tical checking slip. There are 3 tables and 3 graphs.

Card 4/4

RANCU, N.; IRIMIE, V.; BOERIU, G.

Directing the manufacturing processes of assembling parts by
statistical mathematical methods. Metrologia apl 10 no.7:289-
297 JI '63.

HANCU, E. , TOVISSI, L.

Statistical methods for current control of production quality and progress
of production proceedings, p. 68.
(Metalurgia Si Constructia De Masini, Vol. 9, No. 1., Jan. 1957, Bucuresti,
Rumania)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

RANCU, N.; TOVISSI, L.

Statistical control of strictly positive characteristics by the method of ordered tests. p. 391.

(STANDARIZAREA. Vol. 9, no. 8, Aug. 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957
Uncl.

NUM. 7/3 Chemical Technology. Chemical Products and Their
Application. Cellulose and its Derivatives.
Paper.

3-33

Abstr. Jour: Ref Zhur-Khin., No 2, 1959, 6241.

Author: Rancu, H.; Trivisli, L.

Title: Application of Statistical Correlation Method to Study,
Control and Improvement of Technological Process of
Paper Manufacturing.

Orig Pub: Celuloza si hirtie, 1958, 7, No 5, 189-195.

Abstract: No abstract.

Card : 1/1

164

ISPASOIU, Gh.; RANCU, N.

Product quality evaluation by the progressive extraction method.
Metrologia apl 10 no.3:101-110 Mr '63.

RUMANIA/Chemical Technology - Chemical Products and Their
Application. Cellulose and Its Production. Paper.

H-33

Abs Jour : Ref Zhur - Khimiya, No 17, 1958, 59577
Author : Rancu, N., Tovissi, L.
Inst :
Title : Use of Statistical Methods in the Paper Industry.
Orig Pub : Celuloza si hirtie, 1958, 7, No 1, 26-32

Abstract : With an example of the statistical control of the weight
of 1 m² of paper, the use of statistical methods in the
paper industry is reviewed, in particular the content
of such statistical inspection concepts as: center of a
cluster, dispersion, base for the verification of the
conformity between theoretical calculations and elec-
trical distribution, etc.

Card 1/1

Kirincu, N.

RANCU, N.; TOVISSI, L.

RANCU, N.; TOVISSI, L. Statistical methods for current control of the production quality and of the progress of the production process. p. 75. Analysis of the quality of machines and mechanisms by resonance. p. 85.

Vol. 8, no. 11, Nov. 1956

METALURGIA SI CONSTRUCTIA DE MASINI.

TECHNOLOGY

RUMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

RANCU, Nicolae; MANGINREA, Frederic Octavian

Statistical calculation of the precision of machine tools in view of optimum allotment of the working parts depending on their tolerances. Constr mas 15 no.5:376-381 My '63.

RANCU, Nicolae; TOVISSI, Ludovic

Controlled regulation by distribution gauges. Metalurgia
constr mas 13 no. 4: 322-334 Ap '61.

RANDOWA, Danuta; BLASZCZYK, Wanda

The problem of conservative therapy of pulmonary abscesses.
Pol. tyg. lek. 19 no.30:1161-1163 27 J1'64

1. Z Kliniki Gruźlicy Akademii Medycznej we Wrocławiu.

THE UNIVERSITY OF CHICAGO

The flag of sports games is raised. p. 184

NOT RECORDED, (ORIGINAL FILED IN 100-370312) FILE NO. 100-370312
Vol. 1, Page 14

Working in the field of the "Soviet" in 1911, 1912, 1913, 1914, 1915, 1916, 1917, 1918, 1919, 1920, 1921, 1922, 1923, 1924, 1925, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2

DVORAK, Eduard, inz.; RANDA, Frantisek, inz., arch.

System of individual buildings in machine factories.
Tech praca 15 no.10:793-799 0 '63.

RANDA, M.

PHASE I BOOK EXPLOITATION

JUN 25 2/8284 42

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. CAV, 1962. 627 p. 1600 copies printed.

Sponsoring Agency: Československá akademie věd.

Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Končícký.

PURPOSE: The book is intended to familiarize turbine designers with recent developments in the design of gas turbines and to present some research results which may be helpful in designing more efficient turbines.

COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components,

Card 1/8

Basic Problems in the Construction (Cont.)

z/6284

- M. Hibš (State Research Institute for Heat Engineering, Prague). Aerodynamic Design of Inlet and Outlet Nozzles for Axial Compressors or Turbines 351
- V. Kmoníček and M. Hibš. The Results of Experimental and Theoretical Research on Annular Diffusers 371
- J. Hošek (Prague Machine Building Plant, Prague). A contribution to the Theory of Similitude in Fluid Flow 399
- M. Randa and J. Zikmund (V. I. Lenin Plant, Plzeň). Axial Compressors Produced by the V. I. Lenin Plant in Plzeň 433
- M. Kousal (Klement Gottwald First Brno Armament Plant, Brno). The Axial Compressor Built by the Klement Gottwald First Brno Armament Plant for the ST 675-1 Gas Turbine 445

Card 6/8

CZECHOSLOVAKIA / Farm Animals. Honey Bee. 2

Abs Jour: Ref Zhur-Biol., No 9, 1958, 40556.

Author : Halasa M., Unger A., Randa H.

Inst : Not given.

Title : The Problem of Bee Diseases in Slovakia and
the Prospects of the Fight Against Them.

Orig Pub: Veterin casop., 1957, 6, No 5, 379-392.

Abstract: From among the bee diseases in Slovakia, the most widely spread is nosematosis (10.1% - 13.5% of the investigated colonies). The situation is relatively good as regards acarapidosis. [Isle of Wight disease]. The poisoning of bees with wastes of industrial gases and insecticides is discussed.

Card 1/1

PHASE I BOOK EXPLOITATION

2/6284

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. ČAV, 1962. 627 p. 1600 copies printed.

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COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components,

burning of fuel in combustion chambers, axial compressors, and characteristics of turbines manufactured in Czechoslovakia.

Basic Problems in the Construction (Cont.)

z/6284

M. Hibš (State Research Institute for Heat Engineering, Prague). Aerodynamic Design of Inlet and Outlet Nozzles for Axial Compressors or Turbines 351

V. Kmoníček and M. Hibš. The Results of Experimental and Theoretical Research on Annular Diffusers 371

J. Hošek (Prague Machine Building Plant, Prague). A contribution to the Theory of Similitude in Fluid Flow 399

M. Randa and J. Zikmund (V. I. Lenin Plant, Plzeň). Axial Compressors Produced by the V. I. Lenin Plant in Plzeň 433

M. Kousal (Klement Gottwald First Brno Armament Plant, Brno). The Axial Compressor Built by the Klement Gottwald First Brno Armament Plant for the ST 675-1 Gas Turbine 445

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2/2

RANDA, Miroslav, inz.

Measurement results of the dynamic stress of axial compressor
blades. Zpravodaj VZLU no.1:43-44 '63.

RANDAK, Karel

Control systems of the oil extraction in petroleum refining.
Ropa a uhlie 5 no.11:328-330 N°63.

1. Zavody prumyslove automatizace, Praha-Kusle.

RANDAK, Karel

Automation of processing equipment in petroleum refineries.
Ropa a uhlie 6 no. 4: 101-103 Ap '64.

1. Zavody prumyslov automatizace, Praha.

RANDAK, Karel

Automatic control of petroleum distillation. Ropa a uhlie 5
no. 2:72-79 Mr '63.

1. Zavody prumyslove automatizace, Praha - Nusle.

S/194/62/000/005/019/157
D256/D308

AUTHOR: Randák, Karel

TITLE: Semi-automatic control devices

PERIODICAL: Referativnyy zhurnal. Avtomatika i radioelektronika,
no. 5, 1962, abstract 5-2-91 zh (Měření a regul., 1961,
no. 4-5, 63-69)

TEXT: Description and specification are given for the following standard devices manufactured in Czechoslovakia: 1) Pressure regulators; 2) thermostats; 3) liquid level-regulators, and the solenoid valves incorporated in these devices. The pressure regulators for the ranges from 0 - 40 mm Hg to 2 - 15 kg/cm² are mounted in a unified body, as are the pressure-difference devices for the ranges from 20 - 120 mm Hg to 0.05 - 0.4 kg/cm². The el. switches have either mercury or metal contacts, the pickups are of membrane or spring construction (for differential pressure control - membrane only). The weight varies from 1.3 to 6.5 kg. Two types of thermostats are made for 2-position regulation and temperature monitoring: 1) Volume type with rapid response pickup 2) capillary type. The Card 1/2

Semi-automatic control devices

S/194/62/000/005/019/157
D256/D308

first one is used in refrigerators, dryers and air conditioners; the second one for temperature measurements of liquids and gases in pipelines, reservoirs etc. Weight of the device: 1.2 to 1.7 kg; temperature range: from -40 - 0°C to + 110 - + 180°C. The mercury contacts are used for on- and off operation 250 V DC or 220 V AC at 2 to 6 A. The bodies of the thermostats and pressure regulators are identical. The temperature pickup operates on the principle of change of the vapor pressure of the liquid which fills it; the type of liquid determines the range of the measurements. Four types of float regulators of liquid level are manufactured. They are widely used e.g. in the chemical industry for adding a predetermined volume of solutions into the processing system. 4 tables of specifications. 15 figures. [Abstractor's note: Complete translation].

Card 2/2

1ST AND 2ND CIPHERS																									
PROCESSES AND PROPERTIES													1ST AND 2ND CIPHERS												
BC Potassium lead sulphate, lead sulphate, potassium, sulphate, and iodide ions at 25°. M. RANDALL and D. L. FINE (J. Amer. Chem. Soc., 1965, 87, 427-429).—Equilibrium data are recorded.																									
ASB-SEA METALLURGICAL LITERATURE CLASSIFICATION																									

1.

E. A.

The Rehbinster Effect (in Cadmium Single Crystals). E. W. de C. Andrade and R. F. Y. Randall (Nature, 1949, 164, (4183), 1127).--The conflicting results of Rehbinster (Compt. rend. (Doklady) Acad. Sci. U.R.S.S., 1941, 30, 491; 32, 125, 130; Met. Abs., 1943, 10, 103) and of Kinsley (Nature, 1949, 163, 404; Met. Abs., this vol., p. 6) on the effect of surface-active liquids in diminishing the mechanical strength of single crystals have been explained by carrying out tests on differently treated cadmium single crystals. Crystals were (1) cleaned by evaporation in vacuo, (2) oxidized by heating in air, (3) oxidized and then washed in acid followed by alkali, and (4) oxidized by exposure to air for several months. On straining these crystals in contact with a solution of oleic acid in paraffin, (1) gave no effect, (2) and (3) showed an increase in rate of flow, while (4) showed such an increase after 45 min. The interpretation is that the solution disintegrates the oxide film, removing its strengthening effect.--B.R.T.F.

32

972. Experimental Study of the Effect of Dust Dispersion
on Its Resistance to Air Flow. (In Russian) In: I
Ranov. *Journal of Technical Physics* (U.S.S.R.), v
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Author : Mandalu, I.M.

Inst : -

Title : Helminthosporium Disease in Barley, (in the Estonian SSR).

Orig Pub : Zashchita rast. ot vredit. i bolezney, 1957, No 5, 25.

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Author : Dimitrov, Dimit'r Iv.; Randev, Yordan N.
Inst : -
Title : Leptospirosis in Farm Animals in the Varna District.
Orig Pub : Zhivotnov"dstvo i vet. delo, 1957, 11, No 9, 40-42.
Abstract : No abstract.

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SO: Monthly List of ~~Summer~~ Accessions, East European Vol. 2, No 9, Library of Congress, September 1953, Uncl.

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S/081/62/000/006/004/117
B166/B101

AUTHOR: Randić, M.

TITLE: Ligand-field splitting of d-orbitals in eight coordinated complexes of square antiprismatic structure

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 6, 1962, 8, abstract 6B27 (Croat. chem. acta, v. 32, no. 4, 1960, 189-192)

TEXT: An examination is made of the splitting of d-levels in a ligand field with the geometry of an Archimedean square antiprism (symmetry D_{4d}) which is a coordination polyhedron in the methyl acetates of Zr, Ce, Th, and U (RZhKhim, 1960, no. 6, 21221). It has been found that the quintuply degenerate d-level is split into $A_1(d_{z^2}) + E_2(d_{xy}, d_{x^2-y^2}) + E_3(d_{xz}, d_{yz})$, where the d_{z^2} orbit must be the most stable. [Abstracter's note: Complete translation.]

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33 no.3:145-147 '61.

1. Institute "Ruder Boskovic," Zagreb, Croatia, Yugoslavia.
2. Member of the Editorial Board, "Croatica chemica acta,
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1. Institut "R. Boskovic," Zagreb.

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MR. ... M.: ...

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1. Department of Chemistry, The University, Sheffield, England.
2. Visiting from the Rudolfs Institute, Zurech (for
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3. University ... Cambridge, England
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"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001344

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Natural conditions and birds in the Hirsianska dolina in Southern Slovakia.

p. 167(Ochrana Prirody) Vol. 12, No. 6, Aug. 1957; Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) Lc. - Vol. 7, No. 1, Jan. 1958

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"Forest Reservation in the Valley of the Iron River", p. 15, (1954) *PRIRODY*, Vol. 9, No. 3, April 1954, Praha, Czechoslovakia,

SO: Monthly List of East European Accessions, (1954), 12, Vol. 3, No. 12, Dec. 1954, Uncl.

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Analysis of food of the owl (Asio otus Lin.); a contribution
on the research in state reservations. p. 56.

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ochranu přírody) Praha.

Vol. 11, no. 2, Mar. 1956

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Valuable bird reservation in southwestern Slovakia. p. 155.
OCHRANA PŘÍRODY. (Ministerstvo kultury. Státní péče o
ochranu přírody) Praha.
Vol. 11, no. 5, June 1956.

SOURCE: EEAL - LC Vol. 5 No. 10 Oct. 1956

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"Nesting of the thick-knee Burhinus oedicemus L. in the lower Hron valley."

P. 274. (Ministerstvo kultury. Statni pece oc ochranu prirody --Praha, Czechoslovka.)
Vol. 12, no. 9, Dec. 1957.

SO: Monthly Index of East European Accession (EEAI) LC, Vol. 7, No. 5, May 1958

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The effect of strophanthin on cerebral blood flow, potassium and sodium metabolism, and cerebral venous pressure. Acta med. Hung. 18 no.2:163-168 '62.

1. First Department of Medicine (Director: Professor I. Rusznayk) and Department of Neurology (Director: Professor B. Horanyi), University Medical School, Budapest.

(STROPHANTHIN pharmacology) (BRAIN blood supply)
(BRAIN metabolism) (SODIUM metabolism) (POTASSIUM metabolism)

KÜVERJALG, Ants; KAMJAA, E., red.

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secondary schools; a handbook for students] Masinaõpe-
tuse praktikum keskkoolis; käsiraamat õpilastele. Tallin,
Eesti Riiklik Kirjastus, 1964. 207 p. [In Estonian]
(MIRA 18:1)

ACC NR: AF0033373

SOURCE CODE: UR/0292/66/000/000/05 A/0002

AUTHOR: Randma, R. G. (Engineer)

ORG: None

TITLE: Step-by-step electric motors with printed-circuit windings

SOURCE: Elektrotehnika, no. 8, 1966, 1-2

TOPIC TAGS: electric motor, printed circuit, permanent magnet material

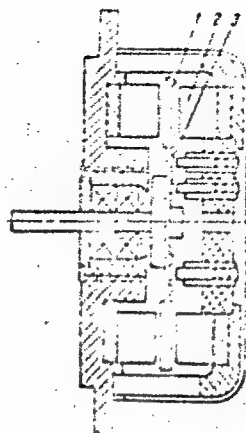
ABSTRACT: The author describes step-by-step reversible electric motors with printed-circuit windings using a disc rotor developed at the Tallin Scientific Research Electrotechnical Institute. The diagram for this type of motor is given and is similar to that of a DC motor with printed circuit windings (see figure). The disc rotor 1 is made from fiberglass-reinforced textolite or asbestoplastic. The disc rotor is located in the nonmagnetic clearance between the poles of the magnetic system 2. Both permanent and electric magnets can be used in this type of motor. The ends of the printed circuit windings terminate at contact rings 3. These also can be printed right on the disc rotor or located on the shaft. The process for printing the winding is given. Two types of windings are considered: where the phase is entirely on one side of the rotor (one layer), and where all phases are distributed on both sides of the rotor (two layer). The main advantage of this type of motor is that it can be

Card 1/2

UDC: 621.313.13-133.4

ACC NR: AP6033373

designed to operate at low voltages and relatively high current. Experimental and theoretical studies show that the static synchronizing moment curve of step-by-step motors with printed-circuit windings using disc rotors is nearly sinusoidal and does not have any breaks. Two such motors have been designed at present. These are the ShDP-1 and ShDP-5. Both of these motors use two-phase single-layer windings printed on a fiberglass-reinforced textolite base. The first of these use separate contact rings while the second have the contact rings printed on the rotor. The magnetic systems of both motors utilize permanent magnets made from YUNDK-24 alloy. Test results show that this type of motor holds a great deal of promise for the future. Orig. art. has: 3 figures, 1 table.



SUB CODE: 09/ SUBM DATE: None/ ORIG REF: 003

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7. Expert in high yields. Mol.kolkh. 19 no. 12, 1952.

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46-55 '58. (MIRA 12:6)

1. Tallinskiy politekhnicheskiy institut.
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protsessy pri svarke. Tallinn, Tallinskii politekhn. in-t,
1964. 44 p. (MIRA 18:10)

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Differential systolic pressure in ambulatory diagnosis of
rheumatic heart disease with subdued symptoms in children.
Gyermekegygyaszat 5 no.6:180-185 June 54.

1. Szovetség-utca; Korhaz Gyermekgyógyászati Rendelésnek es a I.
ker. Tanacs Gyermekgyógyász Szakrendelésnek koslemenye. Vezető:
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differential systolic pressure in)
(BLOOD PRESSURE,
differential systolic pressure in diag. of rheum. heart dis.)

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Mutual relationship between Vernon's final temperatures and
cata-values. Pracovní. lek. 11 no. 7:358-363 S '59.

1. Ustav hygieny prace a chorob z povolani, reditel prof. dr. J.
Teisinger.

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Třetího vydání: Praha, 1978, 2.

Determination of sulfacetamide levels in body fluids. Sborn.
věd. prac. Lek. fak. Karlov. Univ. 7 no.1:563-568 1964.

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fakulty Karlov. univerzity v Praze, Československo.

STRANSKY, Zdenek; Tech. spoluprace: RANDOVA, Z.

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FALKIEWICZ, A.; GARBINSKI, T.; KLECZENSKI, A.; RANDOWA, D.

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(RESPIRATORY FUNCTION TESTS) (CARDIOVASCULAR DISEASES)

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The respiratory system in obstructive and restrictive
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Falkiewicz i z Kliniki Gruźlicy AM we Wrocławiu Kierownik:
prof. dr T. Garbinski.

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(PULMONARY HEART DISEASE)

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The nitrogen mixing time in the lungs (nitrogen clearance)
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T. Garbinski.

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The compliance index in chronic lung diseases. Pol. wyg. lek. 17 no.31:
1213-1215 30 J1 '62.

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